

INTERNATIONAL SEARCH REPORT

ional Application No

PCT/GB2004/004177

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L29/06 G06F17/00 G06N5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L G06F G06N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | THE DAML SERVICES COALITION: "DAML-S: Semantic Markup for Web Services" THE DAML SERVICES COALITION, May 2003 (2003-05), XP002311066 INTERNET | 5 |
| Y | the whole document | 1-3, 6-9 |
| Y | WO 01/15042 A (BLACK PEARL INC) 1 March 2001 (2001-03-01) abstract page 3, line 25 - page 7, line 3 | 1-3, 5-9 |
| Y | US 6 092 099 A (IRIE YUTAKA ET AL) 18 July 2000 (2000-07-18) abstract column 3, line 10 - column 3, line 45 claim 1 | 1-3, 5-9 |
| | ----- -/-- | |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

17 December 2004

Date of mailing of the international search report

07/01/2005

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|--|--|-----------------------|
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | <p>CURBERA F ET AL: "Unraveling the Web services web: an introduction to SOAP, WSDL, and UDDI"</p> <p>IEEE INTERNET COMPUTING, IEEE SERVICE CENTER, PISCATAWAY, NJ, US, vol. 6, no. 2, 2002, pages 86-93, XP002257200</p> <p>ISSN: 1089-7801</p> <p>the whole document</p> | 1-9 |
| A | <p>KATIA SYCARA AND SETH WIDOFF: "LARKS: Dynamic Matchmaking among heterogeneous Software Agents in Cyberspace"</p> <p>KLUVER ACADEMIC PUBLISHERS, 2002, XP002311067</p> <p>INTERNET</p> <p>the whole document</p> | 1-9 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

Original Application No

PCT/GB2004/004177

| Patent document cited in search report | | Publication date | | Patent family member(s) | Publication date |
|---|---|---------------------|----|----------------------------|---------------------|
| WO 0115042 | A | 01-03-2001 | AU | 6919400 A | 19-03-2001 |
| | | | EP | 1305746 A2 | 02-05-2003 |
| | | | WO | 0115042 A2 | 01-03-2001 |
| US 6092099 | A | 18-07-2000 | JP | 11126209 A | 11-05-1999 |